

INFORMATION DISCLOSURE CITATION

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|------------------|--------------------|-----------------|------------|
| Atty. Docket No. | 08203.0005-03 | Application No. | 10/635,017 |
| Applicants | John BUTLER et al. | | |
| Filing Date | August 6, 2003 | Group: | 3732 |

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Issue Date | Name | Class | Sub Class | Filing Date If Appropriate |
|-------------------|-----------------|------------|---------------------|-------|-----------|----------------------------|
| HL | 1,157,202 | 10/1915 | McLeland | | | |
| | 1,598,284 | 08/1926 | Kinney | | | |
| | 1,810,466 | 06/1931 | Deutsch | | | |
| | 2,219,564 | 10/1940 | Reyniers | | | |
| | 2,305,289 | 12/1942 | Coburg | | | |
| | 2,695,608 | 11/1954 | Gibbon | | | |
| | 2,835,253 | 05/1958 | Borgeson | | | |
| | 3,111,943 | 11/1963 | Orndorff | | | |
| | 3,244,169 | 04/1966 | Baxter | | | |
| | 3,332,417 | 07/1967 | Blanford et al. | | | |
| | 3,347,226 | 10/1967 | Harrower | | | |
| | 3,347,227 | 10/1967 | Harrower | | | |
| | 3,397,692 | 08/1968 | Creager, Jr. et al. | | | |
| | 3,522,800 | 08/1970 | Lesser | | | |
| | 3,523,534 | 08/1970 | Nolan | | | |
| | 3,570,475 | 03/1971 | Weinstein | | | |
| | 3,729,006 | 04/1973 | Wilder et al. | | | |
| | 3,782,370 | 01/1974 | McDonald | | | |
| | 3,797,478 | 03/1974 | Walsh et al. | | | |
| | 3,807,393 | 04/1974 | McDonald | | | |
| HL | 3,841,332 | 10/1974 | Treacle | | | |

| | |
|--|------------------------------------|
| Examiner <i>Annadha Ramana</i> | Date Considered <i>10/16/06</i> |
| <p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | |
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| | | | |
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U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Issue Date | Name | Class | Sub Class | Filing Date If Appropriate |
|-------------------|-----------------|------------|--------------|-------|-----------|----------------------------|
| AK | 3,907,389 | 09/1975 | Cox et al. | | | |
| | 3,915,171 | 10/1975 | Shermeta | | | |
| | 3,965,890 | 06/1976 | Gauthier | | | |
| | 4,024,872 | 05/1977 | Muldoon | | | |
| | 4,030,500 | 06/1977 | Ronnquist | | | |
| | 4,096,853 | 06/1978 | Weigand | | | |
| | 4,130,113 | 12/1978 | Graham | | | |
| | 4,188,945 | 02/1980 | Wenander | | | |
| | 4,228,792 | 10/1980 | Rhys-Davies | | | |
| | 4,239,036 | 12/1980 | Krieger | | | |
| | 4,367,728 | 01/1983 | Mutke | | | |
| | 4,399,816 | 08/1983 | Spangler | | | |
| | 4,434,791 | 03/1984 | Darnell | | | |
| | 4,485,490 | 12/1984 | Akers et al. | | | |
| | 4,550,713 | 11/1985 | Hyman | | | |
| | 4,553,537 | 11/1985 | Rosenberg | | | |
| | 4,601,710 | 07/1986 | Moll | | | |
| | 4,654,030 | 03/1987 | Moll et al. | | | |
| | 4,777,943 | 10/1988 | Chvapil | | | |
| | 4,889,107 | 12/1989 | Kaufman | | | |
| AK | 4,895,565 | 01/1990 | Hillstead | | | |

| | | | |
|---|----------------------|---|-----------------|
| Examiner | <i>Amudha Ramana</i> | Date Considered | <i>10/16/06</i> |
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| Form PTO 1449 | | Patent and Trademark Office - U.S. Department of Commerce | |

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| | | | | |
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| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------|------------|-------------------|-------|-----------|----------------------------|
| Examiner Initial* | Document Number | Issue Date | Name | Class | Sub Class | Filing Date If Appropriate |
| AK | 4,903,710 | 02/1990 | Jessamine et al. | | | |
| | 4,950,222 | 08/1990 | Scott et al. | | | |
| | 4,984,564 | 01/1991 | Yuen | | | |
| | 4,991,593 | 02/1991 | LeVahn | | | |
| | 4,998,538 | 03/1991 | Charowsky et al. | | | |
| | 5,041,095 | 08/1991 | Littrell | | | |
| | 5,045,070 | 09/1991 | Grodecki et al. | | | |
| | D 320,658 | 10/1991 | Quigley et al. | | | |
| | 5,125,897 | 06/1992 | Quinn et al. | | | |
| | 5,158,553 | 10/1992 | Berry et al. | | | |
| | 5,159,921 | 11/1992 | Hoover | | | |
| | 5,161,773 | 11/1992 | Tower | | | |
| | 5,178,162 | 01/1993 | Bose | | | |
| | 5,188,595 | 02/1993 | Jacobi | | | |
| | 5,211,370 | 05/1993 | Powers | | | |
| | 5,213,114 | 05/1993 | Bailey, Jr. | | | |
| | 5,234,455 | 08/1993 | Mulhollan | | | |
| | 5,248,304 | 09/1993 | Vigdorchik et al. | | | |
| | 5,263,922 | 11/1993 | Sova et al. | | | |
| | D 343,236 | 01/1994 | Quigley et al. | | | |
| AK | 5,299,582 | 04/1994 | Potts | | | |

| | | | |
|---|------------------------|---|-----------------|
| Examiner | <i>Anuradha Ramana</i> | Date Considered | <i>10/16/06</i> |
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U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Issue Date | Name | Class | Sub Class | Filing Date If Appropriate |
|-------------------|-----------------|------------|--------------------|-------|-----------|----------------------------|
| AR | D 346,022 | 04/1994 | Quigley et al. | | | |
| | 5,309,896 | 05/1994 | Moll et al. | | | |
| | 5,316,541 | 05/1994 | Fischer | | | |
| | 5,342,385 | 08/1994 | Norelli et al. | | | |
| | 5,350,364 | 09/1994 | Stephens et al. | | | |
| | 5,364,345 | 11/1994 | Lowery et al. | | | |
| | 5,366,478 | 11/1994 | Brinkerhoff et al. | | | |
| | 5,368,545 | 11/1994 | Schaller et al. | | | |
| | 5,391,156 | 02/1995 | Hildwein et al. | | | |
| | 5,429,609 | 07/1995 | Yoon | | | |
| | 5,480,410 | 01/1996 | Cuschieri et al. | | | |
| | 5,514,133 | 05/1996 | Golub et al. | | | |
| | 5,522,791 | 06/1996 | Leyva | | | |
| | 5,524,644 | 06/1996 | Crook | | | |
| | 5,526,536 | 06/1996 | Cartmill | | | |
| | 5,545,179 | 08/1996 | Williamson, IV | | | |
| | 5,634,911 | 06/1997 | Hermann et al. | | | |
| | 5,634,937 | 06/1997 | Mollenauer et al. | | | |
| | 5,636,645 | 06/1997 | Ou | | | |
| | 5,640,977 | 06/1997 | Leahy et al. | | | |
| AR | 5,649,550 | 07/1997 | Crook | | | |

| | | | |
|---|-----------------------|---|-----------------|
| Examiner | <i>Annadhe Ramana</i> | Date Considered | <i>10/16/06</i> |
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| | | | | |
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| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------|------------|--------------------|-------|-----------|----------------------------|
| Examiner Initial* | Document Number | Issue Date | Name | Class | Sub Class | Filing Date If Appropriate |
| AX | 5,653,705 | 08/1997 | de la Torre et al. | | | |
| | 5,672,168 | 09/1997 | de la Torre et al. | | | |
| | 5,707,703 | 01/1998 | Rothrum et al. | | | |
| | 5,741,234 | 04/1998 | Aboul-Hosn | | | |
| | 5,741,298 | 04/1998 | MacLeod | | | |
| | 5,755,660 | 05/1998 | Tyagi | | | |
| | 5,769,783 | 06/1998 | Fowler | | | |
| | 5,803,921 | 09/1998 | Bonadio | | | |
| | 5,810,721 | 09/1998 | Mueller et al. | | | |
| | 5,813,409 | 09/1998 | Leahy et al. | | | |
| | 5,832,925 | 11/1998 | Rothrum | | | |
| | 5,853,395 | 12/1998 | Crook et al. | | | |
| | 5,899,208 | 05/1999 | Bonadio | | | |
| | 5,906,577 | 05/1999 | Beane et al. | | | |
| | 5,947,922 | 09/1999 | MacLeod | | | |
| | 5,951,467 | 09/1999 | Picha et al. | | | |
| | 5,957,913 | 09/1999 | de la Torre et al. | | | |
| | 5,964,781 | 10/1999 | Mollenauer et al. | | | |
| | 5,997,515 | 12/1999 | de la Torre et al. | | | |
| | 6,033,426 | 03/2000 | Kaji | | | |
| AX | 6,033,428 | 03/2000 | Sardella | | | |

Examiner

Anuradha Ramana

Date Considered

10/16/06

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| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|-----------------|------------|------------------|-------|-----------|----------------------------|--|
| Examiner Initial* | Document Number | Issue Date | Name | Class | Sub Class | Filing Date If Appropriate | |
| AL | 6,042,573 | 03/2000 | Lucey | | | | |
| | 6,048,309 | 04/2000 | Flom et al. | | | | |
| | 6,077,288 | 06/2000 | Shimomura et al. | | | | |
| | 6,110,154 | 08/2000 | Shimomura et al. | | | | |
| | 6,142,935 | 11/2000 | Flom et al. | | | | |
| | 6,142,936 | 11/2000 | Beane et al. | | | | |
| | 6,163,949 | 12/2000 | Neuenschwander | | | | |
| | 6,164,279 | 12/2000 | Tweedle | | | | |
| | 6,183,486 | 02/2001 | Snow et al. | | | | |
| | 6,254,533 | 07/2001 | Fadem et al. | | | | |
| | 6,254,534 | 07/2001 | Butler et al. | | | | |
| | 6,346,074 | 02/2002 | Roth | | | | |
| | 6,450,983 | 09/2002 | Rambo | | | | |
| | 6,582,364 | 06/2003 | Butler et al. | | | | |
| | 6,578,577 | 06/2003 | Bonadio et al. | | | | |
| AL | 6,623,426 | 09/2003 | Bonadio et al. | | | | |

| | | | |
|---------------|--|-----------------|-----------------|
| Examiner | <i>Anusheh Ramani</i> | Date Considered | <i>10/16/06</i> |
| *Examiner: | Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |
| Form PTO 1449 | Patent and Trademark Office - U.S. Department of Commerce | | |

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| | | | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Document Number | Publication Date | Country | Class | Sub Class | Translation Yes or No |
|-------------------|-----------------|------------------|---------|-------|-----------|-----------------------|
| AK | WO 86/06272 | 11/1986 | PCT | | | |
| ↑ | WO 92/11880 | 07/1992 | PCT | | | |
| | WO 92/21292 | 12/1992 | PCT | | | |
| | WO 93/05740 | 04/1993 | PCT | | | |
| | WO 95/05207 | 02/1995 | PCT | | | |
| | WO 95/07056 | 03/1995 | PCT | | | |
| | WO 95/22289 | 08/1995 | PCT | | | |
| | WO 95/27445 | 10/1995 | PCT | | | |
| | WO 95/27468 | 10/1995 | PCT | | | |
| | WO 96/36283 | 11/1996 | PCT | | | |
| | WO 97/32514 | 09/1997 | PCT | | | |
| | WO 97/32515 | 09/1997 | PCT | | | |
| | WO 98/35614 | 08/1998 | PCT | | | |
| | WO 98/48724 | 11/1998 | PCT | | | |
| | WO 99/03416 | 01/1999 | PCT | | | |
| | WO 99/25268 | 05/1999 | PCT | | | |
| | WO 99/29250 | 06/1999 | PCT | | | |
| | WO 00/32116 | 06/2000 | PCT | | | |
| | WO 00/32117 | 06/2000 | PCT | | | |
| AK | WO 00/32119 | 06/2000 | PCT | | | |

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| | | | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Document Number | Publication Date | Country | Class | Sub Class | Translation Yes or N |
|-------------------|-----------------|------------------|---------|-------|-----------|----------------------|
| AK | WO 00/32120 | 06/2000 | PCT | | | |
| | WO 00/35356 | 06/2000 | PCT | | | |
| | WO 00/54675 | 09/2000 | PCT | | | |
| | WO 00/54676 | 09/2000 | PCT | | | |
| | WO 00/54677 | 09/2000 | PCT | | | |
| | WO 01/08563 | 02/2001 | PCT | | | |
| | WO 01/08581 | 02/2001 | PCT | | | |
| | WO 01/26558 | 04/2001 | PCT | | | |
| | WO 03/061480 A1 | 07/2003 | PCT | | | |
| | WO 03/034908 A3 | 05/2003 | PCT | | | |
| | GB 1,151,993 | 05/1969 | UK | | | |
| | GB 1,355,611 | 06/1974 | UK | | | |
| | GB 1,372,491 | 10/1974 | UK | | | |
| | GB 1,379,772 | 01/1975 | UK | | | |
| | GB 1,400,808 | 07/1975 | UK | | | |
| | GB 1,407,023 | 09/1975 | UK | | | |
| | GB 1,496,696 | 12/1977 | UK | | | |
| | GB 2,071,502 | 09/1981 | UK | | | |
| | GB 2,255,019 | 10/1992 | UK | | | |
| | GB 2,275,420 | 08/1994 | UK | | | |
| AK | EP 0,142,262 | 05/1985 | Europe | | | |

Examiner

Anuradha Ramana

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10/16/06

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FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Document Number | Publication Date | Country | Class | Sub Class | Translation Yes or No |
|-------------------|-----------------|------------------|---------|-------|-----------|-----------------------|
| AL | EP 0,537,768 | 04/1993 | Europe | | | |
| AL | EP 0,950,376 | 10/1999 | Europe | | | |
| | EP 1,118,657 | 07/2001 | Europe | | | No |
| | 1,456,623 | 09/1966 | France | | | No |
| | DE 37 39 532 | 12/1988 | Germany | | | No |
| | DE 37 37 121 | 05/1989 | Germany | | | No |
| | DE 296 00 939 | 06/1998 | Germany | | | No |
| AL | 10-108868 | 04/1998 | Japan | | | No |
| | | | | | | |
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| Examiner | <i>Annabelle Roman</i> | Date Considered | <i>10/16/04</i> |
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|--|---|----------------------|----------------|------------------------|---------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Application Number | 10/635,017 | | |
| | | Filing Date | August 6, 2003 | | |
| | | First Named Inventor | John Butler | | |
| | | Art Unit | 3733 | | |
| | | Examiner Name | A. Ramana | | |
| Sheet | 1 | of | 2 | Attorney Docket Number | 08203.0005-03 |

| U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS | | | | | |
|---|--------------------------|--|--|--|---|
| Examiner Initials | Cite No. ¹ | Document Number | Issue or Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| AL | | US-3,253,594 | 05/1966 | Matthews et al. | |
| | | US-5,738,628 | 04/1998 | Sierocuk et al. | |
| | | US-5,916,232 | 06/1999 | Hart | |
| | | US-5,994,450 | 11/1999 | Pearce | |
| | | US-6,059,816 | 05/2000 | Moenning | |
| | | US-6,171,282 | 01/2001 | Ragsdale | |
| | | US-6,319,246 | 11/2001 | de la Torre et al. | |
| | | US-6,382,211 | 05/2002 | Crook | |
| | | US-6,814,700 | 11/2004 | Mueller et al. | |
| | | US-6,840,951 | 01/2005 | de la Torre et al. | |
| | | US-6,846,287 | 01/2005 | Bonadio et al. | |
| | | US-6,884,253 | 04/2005 | McFarlane | |
| | | US-2001/0037053 A1 | 11/2001 | Bonadio et al. | |
| | | US-2001/0039430 A1 | 11/2001 | Dubrul et al. | |
| | | US-2004/0049100 A1 | 03/2004 | Butler et al. | |
| | | US-2004/0073090 A1 | 04/2004 | Butler et al. | |
| | | US-2004/0092796 A1 | 05/2004 | Butler et al. | |
| | | US-2004/0143158 A1 | 07/2004 | Hart et al. | |
| | | US-2004/0215063 A1 | 10/2004 | Bonadio et al. | |
| | | US-2005/0020884 A1 | 01/2005 | Heart et al. | |
| | | US-2005/0090716 A1 | 04/2005 | Bonadio et al. | |
| | | US-2005/0090717 A1 | 04/2005 | Bonadio et al. | |
| | | US-2005/0148823 A1 | 07/2005 | Vaugh et al. | |
| AL | | US-2005/0240082 A1 | 10/2005 | Bonadio et al. | |

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|--------------------------------|--|---|--------------------------|
| Examiner Initials | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation ⁵ |
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
| AL | | WO 01/91652 | 12/2001 | PCT | | |
| | | WO 02/34108 A2 | 05/2002 | PCT | | |
| | | WO 03/026512 A1 | 04/2003 | PCT | | |
| | | WO 03/103548 A1 | 12/2003 | PCT | | |
| AL | | WO 2004/026153 A1 | 04/2004 | PCT | | |

[illegible]

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|--------------------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Translation ² |
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| Examiner Signature | <i>Amudha Ramase</i> | Date Considered | 10/16/06 |
|-----------------------|----------------------|--------------------|----------|

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